

[54] TELECOMMUNICATION COMBINATION  
COMPRISING A TELEPOINT AND A  
PORTABLE RADIO TERMINAL[75] Inventors: Alex K. Raith, Kista; Bengt Y.  
Persson, Djursholm; Dag E.  
Akerberg, Jarfalla, all of Sweden[73] Assignee: Telefonaktiebolaget L M Ericsson,  
Stockholm, Sweden

[21] Appl. No.: 451,171

[22] Filed: Dec. 15, 1989

[51] Int. Cl.<sup>5</sup> ..... H04M 11/00; H04B 7/26[52] U.S. Cl. .... 379/63; 379/58;  
379/61; 379/210; 455/33; 455/56[58] Field of Search ..... 379/50-63,  
379/201, 210-212; 455/33, 49, 53, 54, 56, 95

## [56] References Cited

## U.S. PATENT DOCUMENTS

3,906,166	9/1975	Cooper et al.	379/59
4,658,416	4/1987	Tanaka	379/60
4,748,655	3/1988	Thrower et al.	379/60
4,829,554	5/1989	Barnes et al.	379/63

## FOREIGN PATENT DOCUMENTS

2046556	11/1980	United Kingdom	379/63
2216319	10/1989	United Kingdom	379/58

## OTHER PUBLICATIONS

Electronics & Wireless World, "A Cordless Future",  
by: Richard Lambley, Dec. 1988, pp. 1198, 1199.

Primary Examiner—Jin F. Ng

Assistant Examiner—Dwayne Bost

Attorney, Agent, or Firm—Burns, Doane, Swecker &  
Mathis

## [57] ABSTRACT

The invention relates to a combination of a switched telecommunication network, a telepoint connected to the network and a portable radio terminal constituting part of a residential equipment or an extension to a PABX, the portable radio terminal when served by a telepoint radio transceiver instead of its residential or exchange radio transceiver uses the telepoint and the network for calling its residential base radio station or PABX and reporting serving telepoint to a location store, calls to the portable radio terminal thereafter being transferred by the residential equipment or PABX through the network to the telepoint in accordance with information in the location store, whereby the portable radio terminal or cordless telephone may be called through the network and telepoint when in proximity of a telepoint.

15 Claims, 3 Drawing Sheets

